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I, JULIE BILLINGSLEY, TEAM LEADER EXAMINATION SUPPORT AND SALES hereby certify that annexed is a true copy of the Provisional specification in connection with Application No. 2003904380 for a patent by SWING MASTER GOLF PTY LIMITED as filed on 15 August 2003.



WITNESS my hand this
Nineteenth day of August 2004

JULIE BILLINGSLEY
TEAM LEADER EXAMINATION
SUPPORT AND SALES

AUSTRALIA

Patents Act 1990

PROVISIONAL SPECIFICATION FOR THE INVENTION ENTITLED:

Golf Swing Training Device

Name and Address of Applicant:

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17 Warwick Parade, Castle Hill, New South Wales, 2154, Australia**

Names of Inventors:

Brian Ferguson and Keith Frederick Milne

This invention is best described in the following statement:

GOLF SWING TRAINING DEVICE

Technical Field

The present invention relates to golf training devices and more particularly to golf training devices that have a variable weight.

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Background of the Invention

Devices such as those disclosed in USA Patent 5580321 provide a handle to be gripped by a user, which handle has attached to it a hollow chamber to receive a liquid such as water. The volume of water in the chamber determines the weight of the device. This particular device has the disadvantage that it cannot be used to simulate the striking of a golf ball. Another device is described in International Patent Application 10 PCT/IB99/01268. The device of this specification includes a weight that can be positioned along the shaft of a golf club. This device has the disadvantage that the weight of the device cannot be varied.

Object of the Invention

15 It is the object of the present invention to overcome or substantially ameliorate at least one of the above disadvantages.

Summary of the Invention

There is disclosed herein a golf swing training device to have a desired weight, said device including:

20 a handle to be gripped by a user to swing the device to strike a ball;
a golf club head to strike the ball;
a reservoir to receive a flowable material having a volume, which volume can be varied to adjust said weight; and wherein
said golf club head is removably attached to said reservoir.

25 Preferably, said reservoir has an upper end to which said handle is removably attached, and a lower end to which said club head is removably attached.

Preferably, said upper end has a threaded passage that is threadably engaged by said handle and said lower end includes a threaded passage within which a portion of said head is threadably secured.

30 In an alternative embodiment, said handle includes a shaft that extends through said reservoir and that is removably attached to said club head, is that said club head is removably attached to said reservoir.

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In a further alternative embodiment, said device includes a shaft attached to said handle and head, and said reservoir is removably attached to said shaft so that said head is removably attached to said reservoir.

Preferably, said reservoir includes a first and a second reservoir portion, which 5 reservoir portions co-operating to be secured to said shaft.

Brief Description of the Drawings

A preferred form of the present invention will now be described by way of example with reference to the accompanying drawings wherein:

10 Figure 1 is a schematic side elevation of a golf swing training device;
Figure 2 is a schematic parts exploded isometric view of the device of Figure 1;
Figure 3 is a schematic parts exploded isometric view of an alternative construction to the device of Figures 1 and 2;
Figure 4 is a schematic isometric view of a still further modification of the device of Figures 1 and 2; and
15 Figure 5 is a schematic parts exploded isometric view of the device of Figure 4.

Detailed Description of the Preferred Embodiments

In Figures 1 and 2 of the accompanying drawings there is schematically depicted a golf swing training device 10. The device 10 includes a handle 11 to be gripped by a user to swing the device 10. The lower end of the device 10 includes a golf club head 12 that includes a blade 13 and a spigot shaft 14. Extending between the handle 11 and head 12 is a reservoir member 15 that encloses a hollow to receive a flowable material such as water.

The reservoir member 15 includes an upper threaded passage 16 within which the lower portion 17 of the handle 11 is threadably engaged. The lower end of the 25 reservoir member 15 includes a threaded passage 18 within which the upper portion of the shaft 14 is threadably engaged.

The reservoir member 15 includes markings 19 that indicate the level of the flowable material within the reservoir member 15.

A user of the device 10 fills the reservoir member 15 so that the device 10 has a 30 desired weight. The user then can practice a golf swing and may change the golf club head 12 depending on the stroke being practiced.

Preferably, the reservoir member 15 is filled via the passage 16 that is closed by the handle 11.

In the embodiment of Figure 3, the handle 11 has attached to it a shaft 20 that it extends through the reservoir member 15 to be threadably engaged in a threaded socket 21 of the head 12. Accordingly, the head 12 can be changed by removing the head 12 from the lower end 22 of the shaft 20.

5 Preferably, the reservoir member 15 would frictionally engage the shaft 20 and be located so as to abut the upper end of the socket 21.

In the embodiment of Figures 4 and 5 the reservoir member 15 is formed by half portions 23 and 24 that are secured together so as to be attached to the shaft 20. Each portion 23 and 24 would have a removable cap 25 through which material would be added to the interior of the portions 23 and 24. Again, the club head 12 is detachable with respect to the reservoir member 15 by being removably attached to the shaft 20 and/or replacement of the golf club 26 consisting of a handle 11, shaft 20 and head 12. Accordingly, the reservoir member 15 can be removed from one golf club and attached to an alternative golf club.

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Dated 15 August, 2003
Swing Master Golf Pty Limited
Patent Attorneys for the Applicant/Nominated Person
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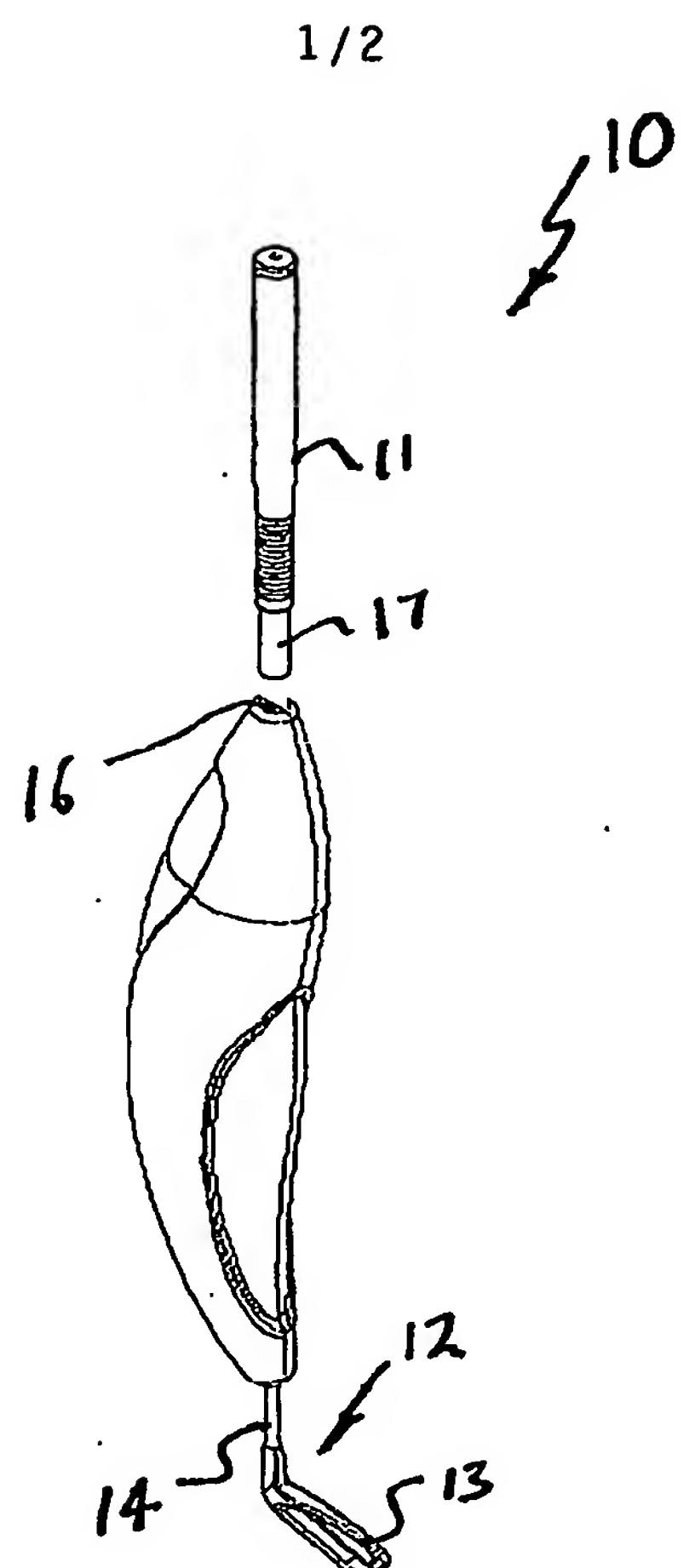
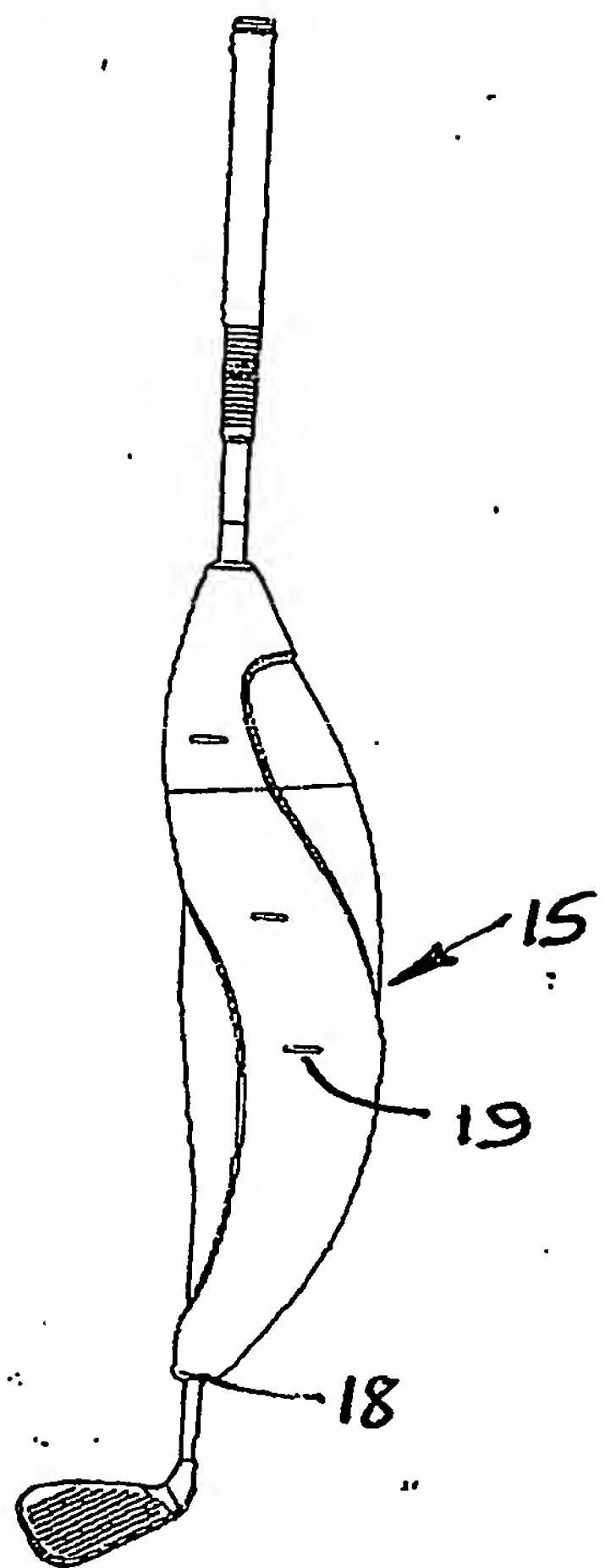
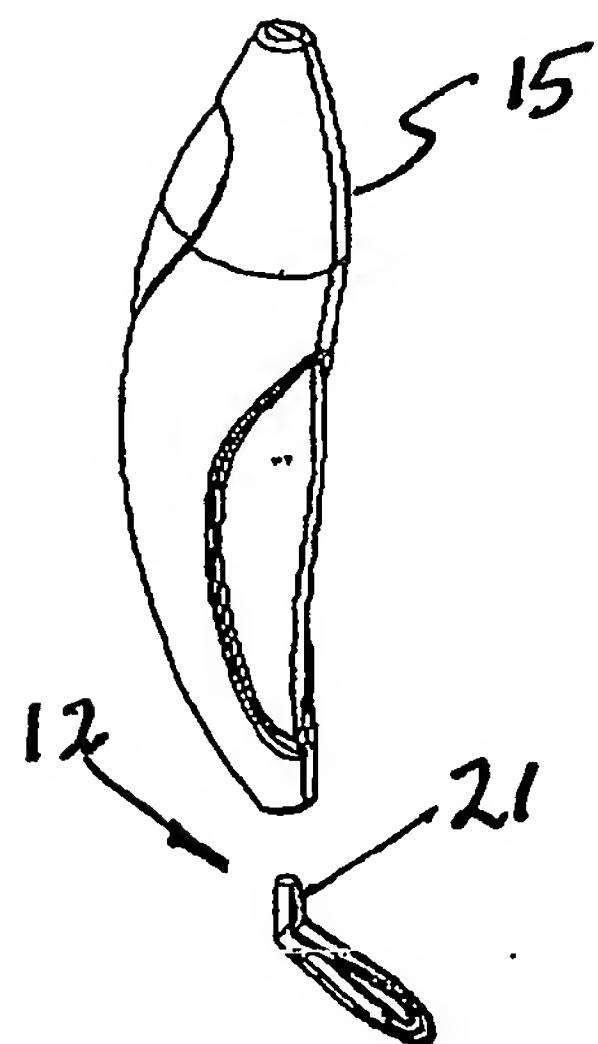
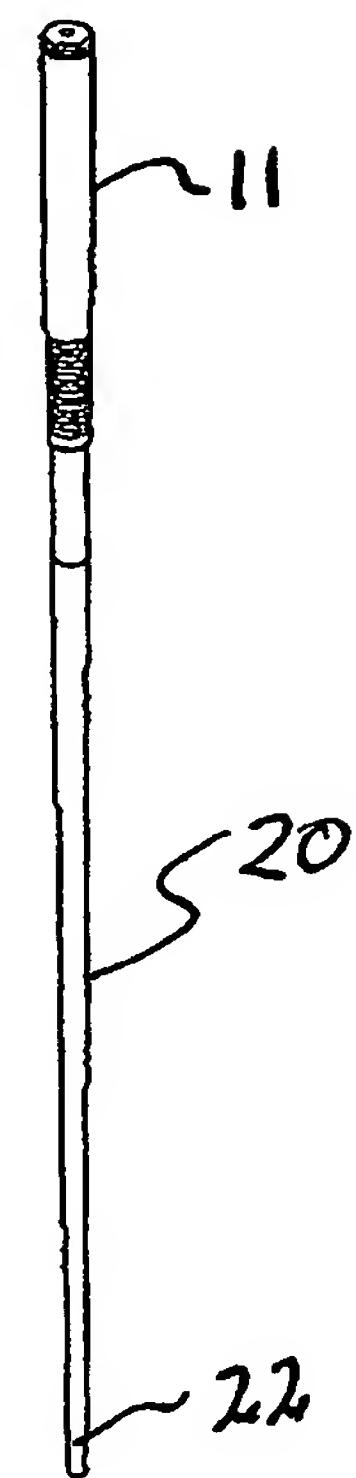


Fig 3



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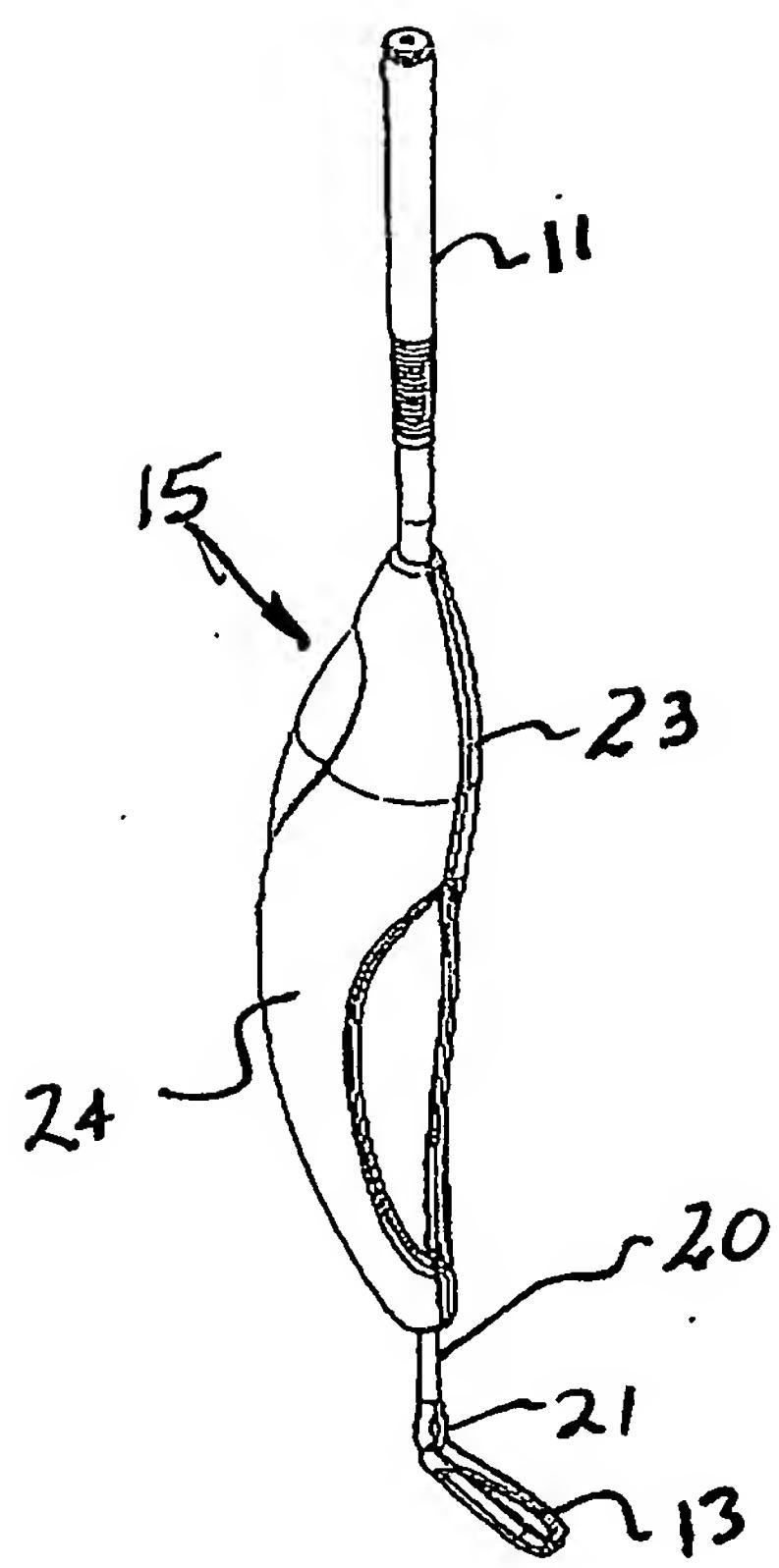


Fig 4

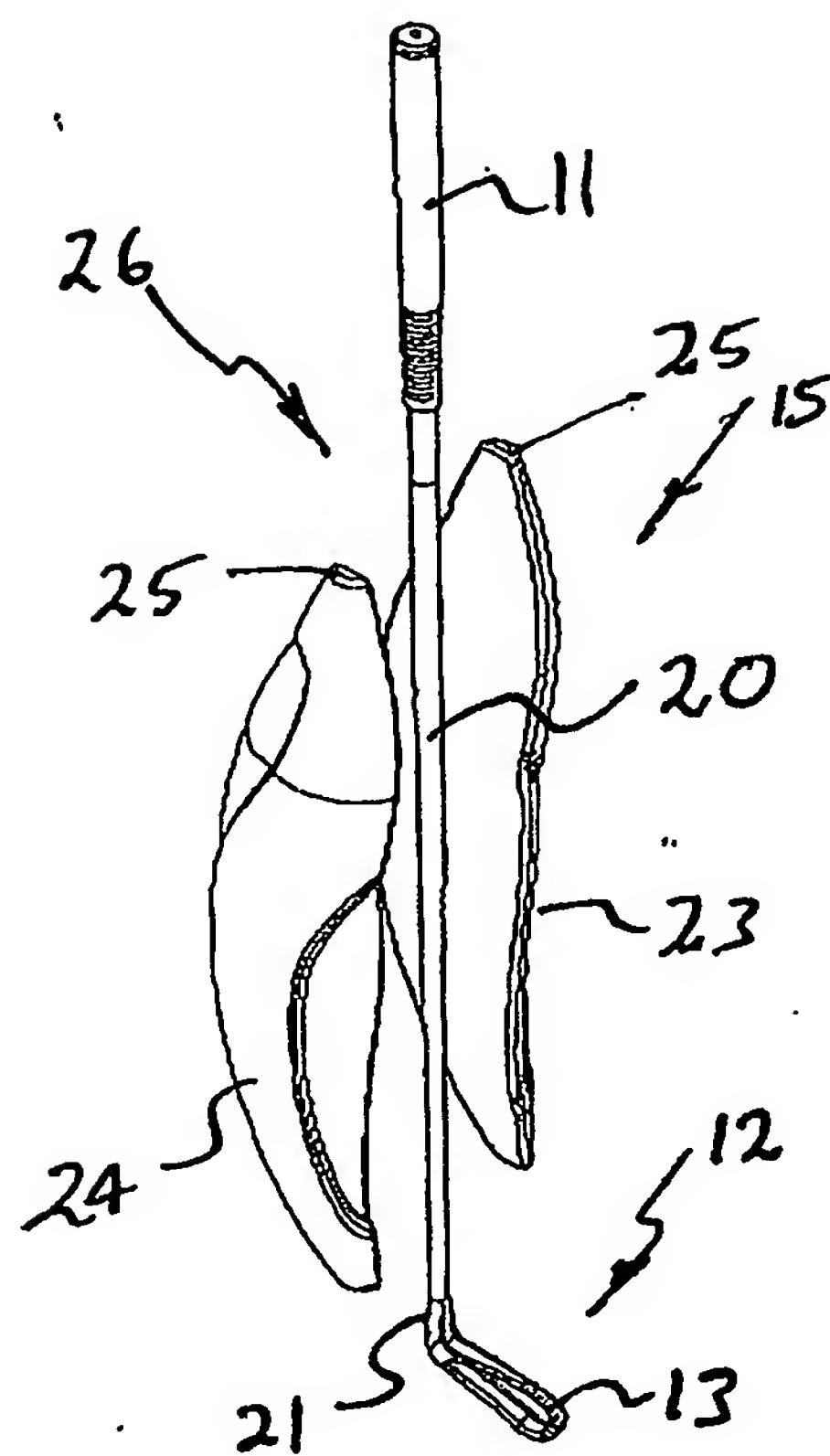


Fig 5